

Page 1 of 1

All amounts are calculated in domestic currency.

[illegible]

PACKING LIST

No. 46980 PG 1 OF 1



PL

FACTORY STEEL & METAL SUPPLY 14020 OAKLAND AVENUE DETROIT, MI 48203 (313)883-6300 PHONE (313)883-4883 FAX				PURCHASE ORDER # P028412 JOB NAME		BUYER CHANTEL LAVOIE Tel (613) 632-3336 Fax (613) 632-4443		SHIP DATE 05/11/2015 SHIP VIA											
SOLD TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7				SHIP TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SALES ORDER # 40836 ORDER DATE 05/08/2015		SALES REP MICK HALON RESALE # 59-2958719											
LINE				QUANTITY		DESCRIPTION		WIDTH		LENGTH		WEIGHT		UNIT PRICE		TOTAL			
1		313 FT		4130N CD SWISS SQ TUBE 1/2" X .035N		Our Tag # Mill Ref # 107988 019824		Heat # 571756		Pcs 14		Total Ft 313		21' / 24' RL		69.266			
2		1 PC		PACKING CHARGES		MTRS (CIRCLE) FAX SHIPMENT INVOICE ALL		DATE: _____ INITIAL: _____											
TOTAL WT		69 LBS																TOTAL	
RECEIVED BY - SIGNATURE				RECEIVED BY - PRINTED NAME				DATE RECEIVED											

8815-05-19

SO



PLYMOUTH TUBE CO. USA

1209 East 12th Street, Streator, Illinois 61364

Phone: (815) 873-1515 Fax: (815) 672-7343

TRUST YOUR SOURCE! ACCEPT NO SUBSTITUTIONS!



PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

108798 - 1 / 1

SOLD TO

PTC - Plymouth Engr. CD Shapes
201 Commerce Court
Hopkinsville, KY 42240
USA

WORK ORDER 019824

HEAT NUMBER 571756

MELT SOURCE Benteler Steel & Tube-Germany

ISO 9001, 14001

AND

TS 16949

CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT DATE										
2128	SQ-N12035	5,478.3 ft	00063335	07/01/2013										
PART DESCRIPTION SHSQ0500035J000 ***** Square OD ***** Side1: 0.5000 Max:0.5100 Min:0.4900 Side2: 0.5000 Max:0.5100 Min:0.4900 Wall: 0.0350 Max:0.0380 Min:0.0320 Length: 17.00/24.00 Spec: MIL-T 6736B Seamless Aircraft Grade: 4130 Anneal: Cond N														
CERTIFICATION REQUIREMENTS FAR BAA (FAR 52.225-1 Buy America Act Supplies). DFARS 252.225-7001 By America Act & Bal. of Payments Program FAR TAA (FAR 52.225-5 Trade Agreements)(Paragraph 1,3,4,5) This material was Eddy Current tested and conforms to the requirements of ASTM A-450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method. Material produced in accordance to ASTM A-519-12.														
Chemical Analysis														
C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn	
.320	.54	.008	.002	.240	.031	.87	.18	.08	.001	.09	.002	.002	.011	
Physical Properties														
Freq.	Severity	Grain Size												
.020	.015	9												
Mechanical Properties														
<u>TEST</u>	<u>UNITS</u>	<u>#TESTS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>	<u>STD-DEV</u>								
Tensile	Psi	6	135100	129920	132265	2171								
Yield	Psi	6	130770	125390	127698	2170								
Elongation	%	6	22	22	22	0								
Rockwell B	Rb	6	98	98	98	0								
Rockwell C	Rc													
<u>TEST</u>	<u>RESULT</u>													
Decarb/OD	Pass													
Total ID/OD decarb	Pass													

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Janis Dusselt

Quality Assurance



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WORK ORDER 019824
HEAT NUMBER 571756
MELT SOURCE Benteler Steel & Tube-Germany

ISO 9001, 14001
AND
TS 16949

CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT DATE
2128	SQ-N12035	5,478.3 ft	00063335	07/01/2013
PART DESCRIPTION SHSQ0500035J000				
Additional Specification(s)				
AMS-T 6736B, 6360L & 6371J				
<p>This test report data is for the heat Chemistry Stated above.</p> <p>The material in this test report is:</p> <ol style="list-style-type: none">1) Drawn in the USA2) Free from <u>Polybrominated Biphenyls (PBB)</u>, <u>Polybrominated Diphenyl Ethers (PBDE)</u>, and <u>Mercury</u> contamination.3) <u>NAFTA</u> compliant. <p>End of Certification</p>				

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Quality Assurance



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28412**

Purchase Order Date 5/8/2015 12:26:41 PM

PO Print Date 5/8/2015

Page Number 1 of 2

Order From :
FACTORY STEEL
14020 OAKLAND AVE.
DETROIT,, MI 48203
US

VU-FAC001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name
Vendor Phone 313 883 6300

Ship To Contact
Ship To Phone

Ship Via: YRC ppd

Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130NTS0.500W.035	4130 Square tube .500 x .500 x .035w	5/15/2015 Yes 5/15/2015		300.00 f	\$5.98	\$1,794.00
	MATERIAL: AISI N STEEL SQUARE TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374						
						Line Total:	\$1,794.00
4	71400-15	cut & pack	5/15/2015 Yes 5/15/2015		1.00 Each	\$45.00	\$45.00
						Line Total:	\$45.00

Note:

5/8/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28412**

Purchase Order Date 5/8/2015 12:26:41 PM

PO Print Date 5/8/2015

Page Number 2 of 2

Order From :

VU-FAC001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FACTORY STEEL
14020 OAKLAND AVE.
DETROIT,, MI 48203
US

Contact Name

Vendor Phone 313 883 6300

Ship To Contact

Ship To Phone

Ship Via: YRC ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

5	71401-45	PROCUREMENT QUALITY CLAUSES	5/15/2015	1.00	\$0.00	\$0.00
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No

5/15/2015

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

Line Total: \$0.00

PO Total: \$1,839.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 4

Change Date: 5/8/2015